

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	221	(proton near2 exchange\$4 near2 membrane or polymer near2 electrolyte near2 membrane).ti. and (proton near2 exchange\$4 near2 membrane or polymer near2 electrolyte near2 membrane) same humidit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 06:59
L4	473	(proton near2 exchange\$4 near2 membrane or polymer near2 electrolyte near2 membrane).ab. and (proton near2 exchange\$4 near2 membrane or polymer near2 electrolyte near2 membrane) same humidit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 07:07
L5	279	L4 not L3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 07:07
L6	910	(proton near2 exchange\$4 near2 membrane or polymer near2 electrolyte near2 membrane) and (proton near2 exchange\$4 near2 membrane or polymer near2 electrolyte near2 membrane) same humidit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 07:22
L7	437	L6 not L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/28 07:23
S1	32	block with ((arylene or aryl) near ether or arylenether or aryether) with ((aryl or arylene) near2 (ether near2 sulfone or ethersulfone) or arylerethersulfone or arylenetherethersulfone) with block	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 14:55
S2	1010	525/534.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 14:56

S3	71	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl \$3ether near sulfone or aryl\$3 near ethersulfone or aryl \$3ethersulfone)) same (\$3fluorin \$6 with (aryl\$3 near ether or aryl \$3ether))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 15:21
S4	40	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl \$3ether near sulfone or aryl\$3 near ethersulfone or aryl \$3ethersulfone)) same (\$3fluorin \$6 with (aryl\$3 near ether or aryl \$3ether)) and block	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 15:21
S5	554	MCGPATH\$3-JAMES\$3.in. HARRISON\$5-WILLIAM\$3.in. GHASSEMI-HOSSEIN.in. ZAWODZINSKI\$4-TOM\$3.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 15:43
S6	35	"6503375".pn. "5128378".pn. "5115082".pn. "7361729".pn. "7256941".pn. "7351775".pn. "03046080".did. "4085071".pn. "6503378".pn. "6670403".pn. "6083638".pn. "5641586".pn. "5952119".pn. "5595834".pn. "5272017".pn. "5316871".pn. "6818341".pn. "6635369".pn. "6503378".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 15:48
S7	162	(proton near exchange near membrane) and (\$5block with \$3polymer) and ((hydrophobic \$5 or hydro near2 phobic\$5) or (hydrophilic\$5 or hydro near2 philic\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 16:41
S8	65	(proton near exchange near membrane) and (\$5block with \$3polymer) same ((hydrophobic \$5 or hydro near2 phobic\$5) or (hydrophilic\$5 or hydro near2 philic\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 16:41
S9	33	(proton near exchange near membrane) and (\$5block with \$3polymer) same ((hydrophobic \$5 or hydro near2 phobic\$5) or (hydrophilic\$5 or hydro near2 philic\$5)) and humid\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 16:50
S10	84	(proton near exchange near membrane) and (\$5block with \$3polymer) and humid\$5 and proton with conductivit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/16 16:51

S11	0	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl\$3ether near sulfone or aryl\$3 near ethersulfone or aryl\$3ethersulfone)) same ((perfluorooctanoic or perfluorooctanesulfonic or perfluoro) with (aryl\$3 near ether or aryl\$3ether)) and block	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 11:15
S12	2	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl\$3ether near sulfone or aryl\$3 near ethersulfone or aryl\$3ethersulfone)) same ((perfluorooctanoic or perfluorooctanesulfonic or perfluoro) with (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 11:15
S13	57	(\$2sulfon\$4 and (aryl\$3 near2 ether near2 sulfone or aryl\$3ether near sulfone or aryl\$3 near ethersulfone or aryl\$3ethersulfone)) and ((perfluorooctanoic or perfluorooctanesulfonic or perfluoro) and (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 11:16
S14	2	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl\$3ether near sulfone or aryl\$3 near ethersulfone or aryl\$3ethersulfone)) and ((perfluorooctanoic or perfluorooctanesulfonic or perfluoro) with (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 11:18
S15	56	(\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or aryl\$3ether near sulfone or aryl\$3 near ethersulfone or aryl\$3ethersulfone)) and ((perfluorooctanoic or perfluorooctanesulfonic or perfluoro) and (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 11:19
S16	94	(\$2sulfon\$4 with (ether near2 sulfone or ethersulfone)) and ((perfluorooctanoic or perfluorooctanesulfonic or perfluoro) and (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 13:05

S17	7	(\$2sulfon\$4 with (ether near2 sulfone or ethersulfone)) same ((perfluorooctanoic or perfluorooctanesulfonic or perfluoro) and (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 13:06
S18	5	(\$2sulfon\$4 with (ether near2 sulfone or ethersulfone)) same ((perfluorooctanoic or perfluorooctanesulfonic or perfluoro) same (aryl\$3 near ether or aryl\$3ether))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 13:06
S19	65	(\$2sulfon\$4 with (ether near2 sulfone or ethersulfone)) and ((perfluorooctanoic or perfluorooctanesulfonic or perfluoro) and (aryl\$3 near ether or aryl\$3ether)) and block \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 13:21
S20	94	(\$2sulfon\$4 with (ether near2 sulfone or ethersulfone)) and ((perfluorooctanoic or perfluorooctanesulfonic or perfluoro or perfluoroalkyl or perfluoroaryl or perfluoroarylether) and (aryl\$3 near ether or aryl\$3ether)) and block\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 13:27
S21	499	(polymer near electrolyte near membrane) and (\$5block with \$3polymer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 14:00
S22	172	(polymer near electrolyte near membrane) and (\$5block with \$3polymer) and (\$3fluoro or \$3fluorinat\$4) and sulfonat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 14:05
S23	2	"2006176666".did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 15:38
S24	5	"2006066569".did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:08

S25	2	"2004359925".did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:14
S26	2	"20040219413".did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:16
S27	2	"20040127632".did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:25
S28	1	("2004/0127632").URPN.	USPAT	OR	ON	2009/07/17 16:30
S29	4	("20040127632" "4443349" "5115082" "6306563").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/17 16:31
S30	7	"2328948".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:48
S31	2	"5837032".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/17 16:52
S32	755	step near growth near (polymeriz \$6 or polymeris\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 07:12
S34	41	(step near growth near (polymeriz\$6 or polymeris\$6)) and (ether near2 sulfone or arylene near2 ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 07:19
S35	56	(step near5 growth near5 (polymeriz\$6 or polymeris\$6)) and (ether near2 sulfone or arylene near2 ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 07:49

S37	72	(step near5 growth near5 (polymeriz\$6 or polymeris\$6)) and (ether near2 sulfone or arylene near2 ether or aryl near2 ether or aryether or aryleneether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 08:48
S38	16	S37 not S35 not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 08:48
S39	2	"7488549".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 09:06
S40	8	"835386".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 09:08
S41	2	"5976418".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/23 10:10
S46	97	(427/115.ccls. 429/12.ccls. 902/908.ccls. 429/40.ccls.) and (\$5block with polymer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 11:28
S48	155	(427/115.ccls. 429/12.ccls. 902/908.ccls. 429/40.ccls.) and \$4fluorinat\$6 and \$9sulfone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/31 11:32
S49	558	MCGRATH\$3-JAMES\$3.in. HARRISON\$5-WILLIAM\$3.in. GHASSEMI-HOSSEIN.in. ZAWODZINSKI\$4-TOM\$3.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 14:05
S50	1422	(\$5block with copolymer) same ((cocontinuous or co near continuous) near4 (morpholog\$3 or structure or phase) or microphase or micro near phase)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 14:14

S51	13	(\$5block with copolymer) same ((cocontinuous or co near continuous) near4 (morpholog\$3 or structure or phase) or microphase or micro near phase) and (\$2sulfon\$4 with (aryl\$3 near2 ether near2 sulfone or (aryleneether or aryether) near sulfone or aryl\$3 near ethersulfone or aryleneethersulfone or aryethersulfone) or (perfluorooctanoic or perfluorooctanesulfonic or perfluoro) with (aryl\$3 near ether or (aryleneether or aryether)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 14:23
S52	216	(\$5block with copolymer) same ((cocontinuous or co near continuous) near4 (morpholog\$3 or structure or phase) or microphase or micro near phase) and (proton near2 exchange\$4 near2 membrane or ion near3 exchange\$4 or fuel near2 cell)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 14:38
S53	6	(\$5block with copolymer) and ((perfluorinat\$4 or perfluoro) near2 (arylene or aryl) near2 ether or perfluoroarylether or perfluoroaryleneether or perfluoroarylene near2 ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 15:37
S54	9	(\$5block with copolymer) and ((perfluorinat\$4 or perfluoro) near3 ((arylene or aryl) near3 ether or polyarylene near3 ether or polyaryleneether or poly near3 arylene near3 ether) or perfluoroarylether or perfluoroaryleneether or perfluoroarylene near2 ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 15:49
S55	41	((perfluorinat\$4 or perfluoro) near3 ((arylene or aryl) near3 ether or polyarylene near3 ether or polyaryleneether or poly near3 arylene near3 ether) or perfluoroarylether or perfluoroaryleneether or perfluoroarylene near2 ether)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 15:51

S56	173	((perfluorinat\$4 or perfluoro or fluorinat\$4 or fluoro) near3 ((arylene or aryl) near3 ether or polyarylene near3 ether or polyaryleneether or poly near3 arylene near3 ether) or perfluoroarylether or perfluoroaryleneether or perfluoroarylene near2 ether or fluoroarylether or fluoroaryleneether or fluoroarylene near2 ether) and (\$5block with copolymer)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/26 15:58
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EAST Search History (Interference)

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